


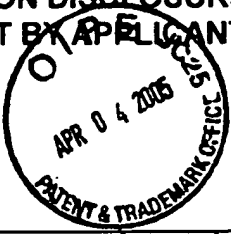
INFORMATION DISCLOSURE STATEMENT BY APPLICANT 			<i>Complete if Known</i>		
			Application Number	09/852,910	
			Filing Date	May 11, 2001	
			First Named Inventor	Annette GILCHRIST et al.	
			Group Art Unit	1639	
			Examiner Name	Wessendorf, Teresa D.	
			Confirmation No.	4758	
Sheet	1	of	2	Attorney Docket Number	2661-101

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²	
TAD	1	ARIS et al., "Structural requirements for the stabilization of metarhodopsin II by the C terminus of the α subunit of Transducin," <i>J. Biol. Chem.</i> , 276(4):2333-2339, 2001.		
	2	BUCK et al., "Role of dynamic interactions in effective signal transfer for G β stimulation of phospholipase C- β 2," <i>J. Biol. Chem.</i> , 277(51):49707-49715, 2002.		
	3	CHEADLE et al., "Identification of a Src SH3 domain binding motif by screening a random phage display library," <i>J. Biol. Chem.</i> , 269(39):24034-24039, 1994.		
	4	COPELAND, Robert A., "Mechanistic considerations in high-throughput screening," <i>Analytical Biochemistry</i> , 320:1-12, 2003.		
	5	CULL et al., "Screening for receptor ligands using large libraries of peptides linked to the C terminus fo the <i>lac</i> repressor," <i>Proc. Natl. Acad. Sci.</i> , 89:1865-1869, 1992.		
	6	CWIRLA et al., "Peptide agonist of the thrombopoietin receptor as potent as the natural cytokine," <i>Science</i> , 276:1696-1699, June 13, 1997.		
	7	DANI, Maria, "Peptide display libraries: design and construction," <i>J. Of Receptor & Signal Transduction Research</i> , 21(4):469-488, 2001.		
	8	FRANCKEN et al., "Human 5-hydroxytryptamine _{5A} receptors activate coexpressed G _i and G _o proteins in <i>Spodoptera frugiperda</i> 9 cells," <i>Mol. Pharm.</i> , 57:1034-1044, 2000.		
	9	GILCHRIST et al., "Use of peptides-on-plasmids combinatorial library to identify high-affinity peptides that bind rhodopsin," <i>Methods in Enzymology</i> , 315:388-404, 2000.		
	10	GLASS et al., "Agonist selective regulation of G proteins by cannabinoid CB ₁ and CB ₂ receptors," <i>Mol. Pharmacol.</i> , 56:1362-1369, 1999.		
V	11	HALL, David A., "Modeling the functional effects of allosteric modulators at pharmacological receptors: an extension of the two-state model of receptor activation," <i>Mol. Pharmacol.</i> , 58:1412-1423, 2000.		
Examiner Signature	T. Wessendorf		Date Considered	7/5/05

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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code.

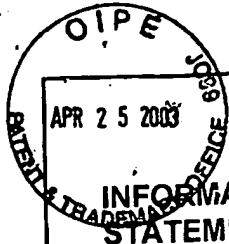
⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

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tdw	12	KAY et al., "Screening phage-displayed combinatorial peptide libraries," <i>Methods</i> , 24:240-246, 2001.			
	13	KOIVUNEN et al., "Identification of receptor ligands with phage display peptide libraries," <i>J. Nucl. Med.</i> , 40:883-888, 1999.			
	14	MARTIN et al., "Potent peptide analogues of a G protein receptor-binding region obtained with a combinatorial library," <i>J. Biol. Chem.</i> , 271(1):361-366, 1996.			
	15	NEUBIG et al., "International union of pharmacology committee on receptor nomenclature and drug classification. XXXVIII. Update on terms and symbols in quantitative pharmacology," <i>Pharmacol. Rev.</i> , 55:597-606, 2003.			
	16	RODI et al., "Phage-display technology-finding a needle in a vast molecular haystack," <i>Current Opinion in Biotechnology</i> , 10:87-93, 1999.			
	17	SCHATZ et al., "Screening of peptide libraries linked to <i>lac</i> receptor," <i>Methods in Enzymology</i> , 267:171-191, 1996.			
	18	SUNDBERG, Steven A., "High-throughput and ultra-high-throughput screening: solution- and cell-based approaches," <i>Current Opinion in Biotechnology</i> , 11:47-53, 2000.			
	19	SZARDENINGS et al., "New highly specific agonistic peptides for human melanocortin MC ₁ receptor," <i>Peptides</i> , 21:239-243, 2000.			
	20	WINDH et al., "Differential coupling of the sphingosine 1-phosphate receptors Edg-1, Edg-3, and H218/Edg-5 to the G _i , G _q , and G12 families of heterotrimeric G Proteins," <i>J. Biol. Chem.</i> , 274(39):27351-27358, 1999.			
✓	21	ZWICK et al., "Phage-displayed peptide libraries," <i>Current Opinion in Biotechnology</i> , 9:427-436, 1998.			
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of

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Attorney Docket Number 2661-101

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
TDO	AA	6,184,223		Kahn et al.	Feb. 6, 2001
↓	AB	6,087,186		Cargill et al.	Jul. 11, 2000
↓	AC	5,880,972		Hortbeck	Mar. 9, 1999

FOREIGN PATENT DOCUMENTS

Examine r Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³ Code	Number ⁴	Kind ⁵ (if known)			

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Signature

T. D. [Signature]

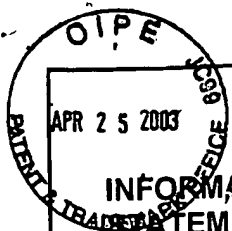
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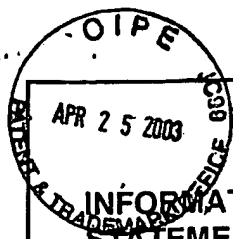
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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tdw	AD	Jones, Philip G., et al., "Non-Binding Site Modulation of G Protein-Coupled Receptor Signalling," <u>Exp. Opin. Ther. Patents</u> 9(12):1641-1654, 1999.	
	AE	Stephen W. Edwards, et al., "Localization of G-Protein-Coupled Receptors in Health and Disease," <u>TIPS</u> 21: 304-308, August 2000.	
	AF	Shahab A. Akhter, et al., "Targeting the Receptor-G _s Interface to Inhibit in Vivo Pressure Overload Myocardial Hypertrophy," <u>Science</u> , 280: 574-577, April 24, 1998.	
	AG	Thomas Carell, et al., "New Promise in Combinatorial Chemistry: Synthesis, Characterization, and Screening of Small-Molecule Libraries in Solution," <u>Chemistry & Biology</u> 2: 171-183, March 1995.	
	AH	Mark A. Wall, et al. "The Structure of the G Protein Heterotrimer G _{α1β1γ2} ", <u>Cell</u> 83: 1047-1058, December 15, 1995.	
	AI	David E. Coleman, et al., "Structures of Active Conformations of G _{α11} and the Mechanism of GTP Hydrolysis," <u>Science</u> 265: 1405-1412, September 2, 1994.	
	AJ	Chad A. Ellis, et al., "Thrombin Induces Proteinase-Activated Receptor-1 Gene Expression in Endothelial Cells Via Activation of G _i -Linked Ras/Mitogen-Activated Protein Kinase Pathway," <u>J. of Biol. Chem.</u> , 274 (19): 13718-13727, May 7, 1999.	
	AK	Bo Yu, et al. "Inhibition of Subsets of G Protein-Coupled Receptors By Empty Mutants of G Protein α Subunits in G ₀ , G ₁₁ , and G ₁₆ ," <u>J. of Biol. Chem.</u> , 275 (1): 71-76, January 7, 2000.	
	AL	Bo Yu, et al., "Interaction of the Xanthine Nucleotide Binding Goα Mutant With G Protein-Coupled Receptors," <u>J. of Biol. Chem.</u> 273(46): 30183-30188, November 13, 1998.	
	AM	Jie Liu, et al., "Identification of a Receptor/G-Protein Contact Site Critical for Signaling Specificity and G-Protein Activation," <u>Proc. Natl. Acad. Sci. USA</u> 92: 11642-11646, December 1995.	
	AN	Grigory Krapivinsky, et al., "G _{βγ} Binding to GIRK4 Subunit Is Critical for G Protein-Gated K ⁺ Channel Activation," <u>J. of Biol. Chem.</u> 273(27): 16946-16952, July 3, 1998.	
↓	AO	Grigory Krapivinsky, et al. "G _{βγ} Binding to GIRK4 Subunit Is Critical for G Protein-Gated K ⁺ Channel, I _{KACH} ," <u>J. of Biol. Chem.</u> 270(49): 29059-29062, December 8, 1995.	
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JHW	AP	Lutz F. Tietze, et al., "Domino Reactions for Library Synthesis of Small Molecules in Combinatorial Chemistry," <u>Curr. Opin. in Chem. Biol.</u> 2: 363-371, 1998.	
	AQ	Margaret O. Sowell, et al., "Targeted Inactivation of α_{12} or α_{13} Disrupts Activation of the Cardiac Muscarinic K ⁺ Channel, I_{K+Ach} , in Intact Cells," <u>Proc. Natl. Acad. Sci. USA</u> 94: 7921-7926, July 1997.	
	AR	Heidi E. Hamm, "The Many Faces of G Protein Signaling," <u>J. of Biol. Chem.</u> 273(2): 669-672, January 9, 1998.	
	AS	C. Höller, et al., "G Proteins As Drug Targets," <u>Cell. Mol. Life Sci.</u> 55: 257-270, 1999.	
✓	AT	Peter J. Schatz, et al., "Screening of Peptide Libraries Linked to Lac Repressor," <u>Methods in Enzymology</u> 267: 171-191, 1996.	
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